

## Claims

- [c1] What is claimed is:
- 1.A display device for a computer system comprising:  
a screen for displaying a color picture image for a user in front of the screen,  
the color picture image formed by light emitted from at least two light sources  
of different colors;  
at least one sensor for detecting light around the screen and generating a  
corresponding detecting signal;  
a gray level adjusting device for adjusting brightness of light emitted by the  
light sources according to the detecting signal so as to reduce an impact of  
around the screen to the color picture image on the screen; and  
a controller for controlling operations of the display device.
  - [c2] 2.The display device of claim 1 wherein the sensor is disposed at a front side of  
the display device for sensing light emitted toward the screen.
  - [c3] 3.The display device of claim 1 wherein the gray level adjusting device adjusts  
the brightness of the light emitted by the light sources so as to generate an  
expected picture image.
  - [c4] 4.The display device of claim 1 wherein the controller is a display card of the  
computer system.
  - [c5] 5.The display device of claim 1 wherein the computer system is a portable  
computer, and the display device is a liquid crystal display installed on the  
portable computer.
  - [c6] 6.A display device for a computer system comprising:  
a screen for displaying a picture image for a user in front of the screen;  
at least one sensor for detecting light emitted to a sensing surface of the sensor  
and generating a corresponding detecting signal; and  
a controller for adjusting the picture image displayed on the screen according to  
the detecting signal;  
wherein the sensing surface of the sensor faces backwards so as to detect light  
emitted from the back of the display device.

